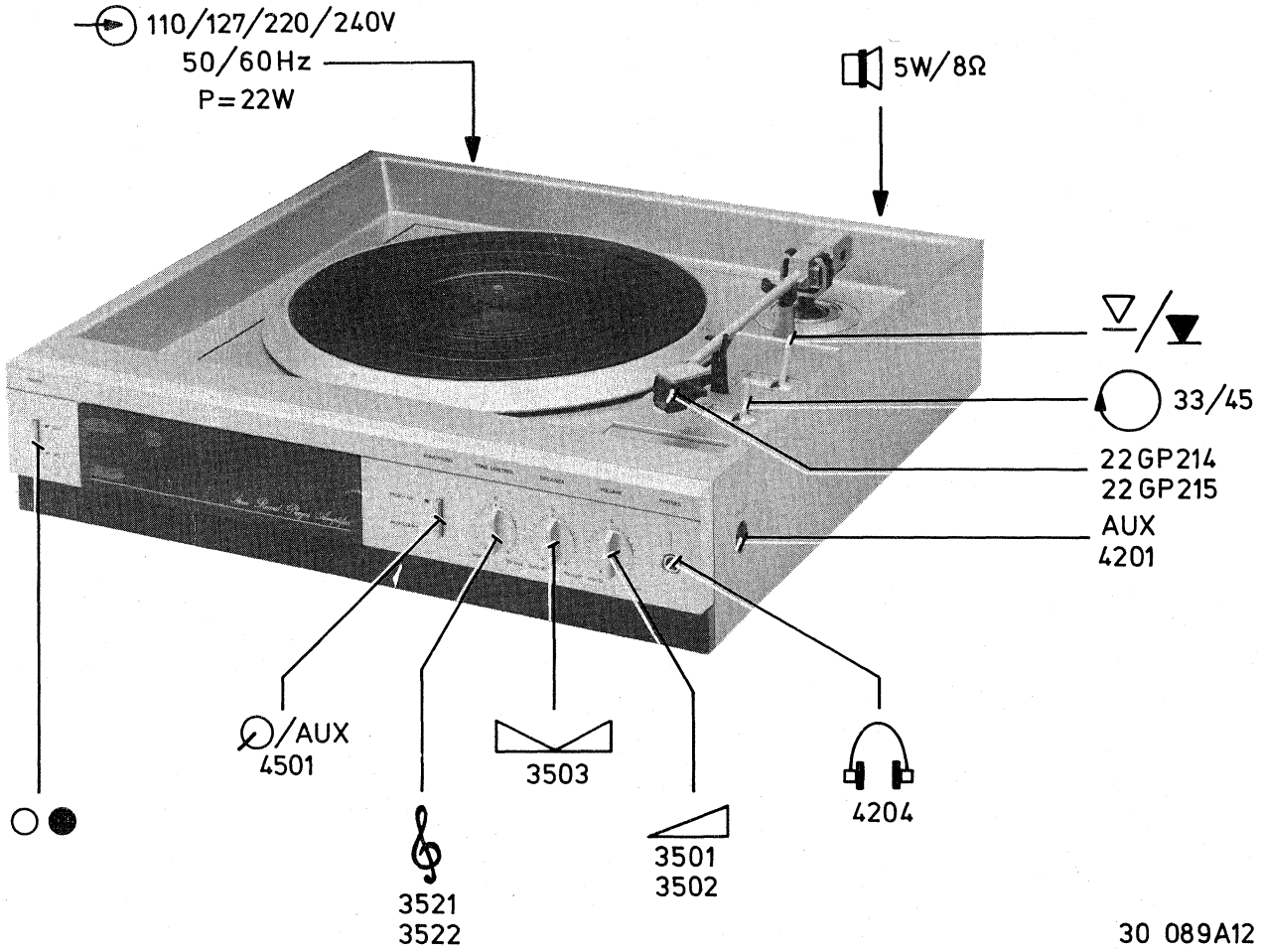
Record-player amplifier D 5520/00

Service
Service
Service

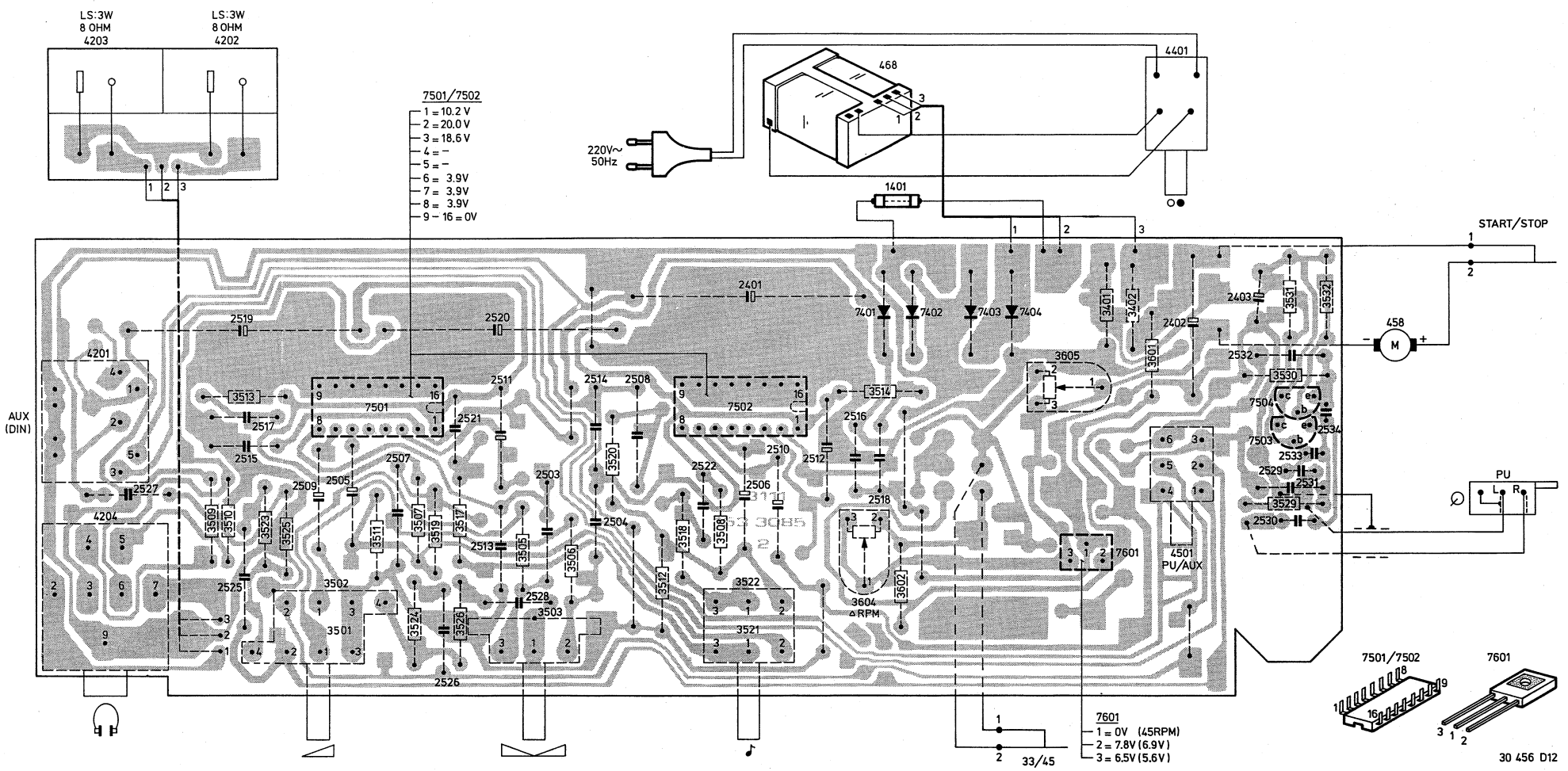
Service Manual



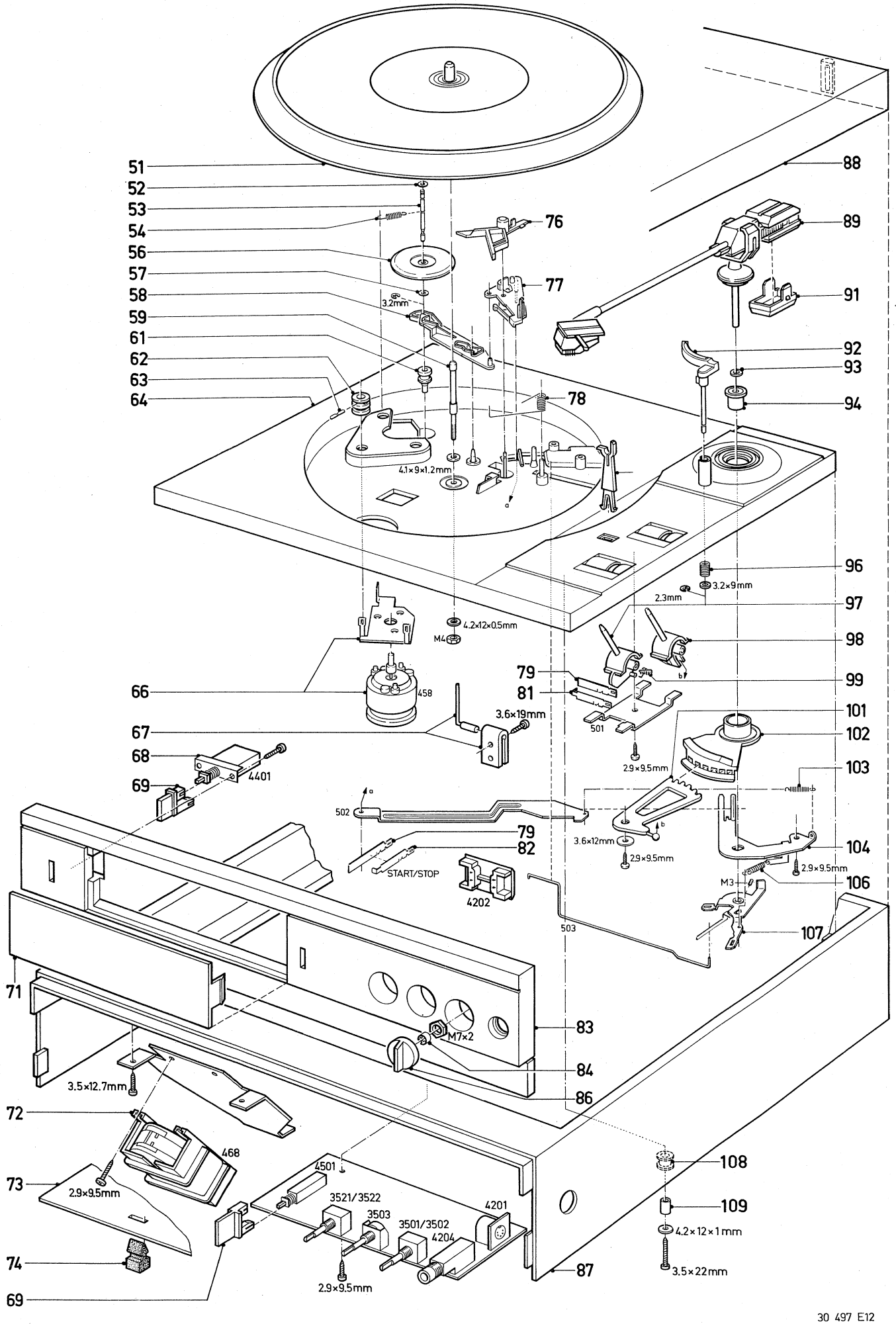
Documentation Technique Service Dokumentation Documentazione di Servizio Huolte-Ohje Manual de Servicio Manual de Serviço
Subject to modification
4822 725 15061
Printed in The Netherlands

"Pour votre sécurité, ces documents doivent être utilisés par des spécialistes agréés, seuls habilités à réparer votre appareil en panne".

PHILIPS


LS:3W
8 OHM
4203
LS:3W
8 OHM
4202
7501/7502
1 = 10.2 V
2 = 20.0 V
3 = 18.6 V
4 = –
5 = –
6 = 3.9V
7 = 3.9V
8 = 3.9V
9 – 16 = 0V
220V~
50Hz
468
4401
1401
START/STOP
458
M
AUX
(DIN)
4201
4204
7501
7502
3501
3502
3503
3521
3522
3604
Δ RPM
4501
PU/AUX
7601
PU
33/45
7601
1 = 0V (45RPM)
2 = 7.8V (6.9V)
3 = 6.5V (5.6V)
7501/7502
7601
30 456 D12

| | | |


51
52
53
54
56
57
58
59
61
62
63
64
76
77
3.2mm
78
4.1×9×1.2mm
88
89
91
92
93
94
96
3.2×9mm
2.3mm
97
98
99
101
102
103
104
2.9×9.5mm
106
107
4.2×12×0.5mm
M4
66
458
67
3.6×19mm
68
4401
69
79
81
501
2.9×9.5mm
502
79
82
START/STOP
4202
3.6×12mm
2.9×9.5mm
M3
503
71
83
M7×2
84
86
3.5×12.7mm
72
468
73
2.9×9.5mm
74
69
4501
3521/3522
3503
3501/3502
4204
4201
2.9×9.5mm
87
108
109
4.2×12×1mm
3.5×22mm

Mechanical parts

51	4822 528 10453	69	4822 410 40328	88	4822 444 30341	107	4822 402 60812
52	4822 532 50296	71	4822 460 20394	89	4822 251 70202	108	4822 325 80218
53	4822 535 91172	72	4822 145 40176	91	4822 466 80815	109	4822 532 51388
54	4822 492 31401	73	4822 444 50296	92	4822 402 60811		
56	4822 528 70235	74	4822 462 71291	93	4822 532 51268		
57	4822 532 50827	76	4822 402 60584	94	4822 520 30382		
58	4822 402 30099	77	4822 402 30098	96	4822 492 51416		
59	4822 535 91053	78	4822 492 51156	97	4822 413 41028		
61	4822 325 80219	79	4822 290 80225	98	4822 411 50529		
62	4822 325 80123	81	4822 492 61832	99	4822 492 62466		
63	4822 460 20078	82	4822 290 80226	101	4822 402 60807		
64	4822 454 30316	83	4822 464 50236	102	4822 402 60808		
66	4822 361 20205	84	4822 532 10284	103	4822 492 31973		
67	4822 417 10631	86	4822 410 40379	104	4822 402 60806		
68	4822 276 11031	87	4822 454 30315	106	4822 492 40889		

0.2 W (CR16)	⩽ 220 kΩ	5%	
	> 270 kΩ	10%	
0.33 W (CR25)	⩽ 1 MΩ	5%	
	> 1 MΩ	10%	
0.33 W (SFR25)		5%	
0.25 W (VR25)	⩽ 10 MΩ	5%	
	> 10 MΩ	10%	
0.5 W (CR37)	⩽ 1 MΩ	5%	
	> 1 MΩ	10%	
0.67 W (CR52)		5%	
1.15 W (CR68)		5%	

Ceramic plate

Polyester flat foil

Polyester mepolesco

Mylar
(Polyester flat foil small sized)

Micropoco

Tubular ceramic
(body colour pink or yellow/green)

Miniature single elco

Subminiature tantalum cap.

*a = 2,5 V
b = 4 V
c = 6,3 V
d = 10 V
e = 16 V
f = 25 V
g = 40 V
h = 63 V
j = 100 V
l = 125 V
m = 150 V
n = 160 V
q = 200 V
r = 250 V
s = 300 V
t = 350 V
u = 400 V
v = 500 V
w = 630 V
x = 1000 V
A = 1,6 V
B = 6 V
C = 12 V
D = 15 V
E = 20 V
F = 35 V
G = 50 V
H = 75 V
I = 80 V

27037A/B

Electrical parts

-IC-

TDA1059B	4822 209 80361
TDA1905	4822 209 80572

-TS-

BC549C	4822 130 44246

-D-

1N4002	5322 130 30684

-C-

2513,2514	2.2 nF	4822 122 10165
2521,2522	10 nF	4822 121 41134
2525,2526	1.5 nF	4822 122 10174
2529,2530	22 nF	4822 122 30103

-R-

3501,3502	100K log	4822 100 30039
3503	47K log	4822 100 20094
3513,3514	1 Ω	4822 111 30483
3521,3522	100K log	4822 100 30041
3604	2.2K trim	4822 100 10237
3605	220 Ω	4822 100 10019

-Miscellaneous-

458	Motor	4822 361 20205
468	Transformer	4822 145 40176
4201	Aux. DIN socket	4822 267 40209
4202/4203	L.S. socket	4822 267 20123
4204	Headphone socket	4822 267 30385
4401	Power switch	4822 276 11031
4501	PU/AUX switch	4822 277 20771